

# Wellington Elementary: Blazing a Trail Towards Sustainability



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# Wellington's Story:

Wellington opened in 2011, it was designed to be one of the most energy efficient and sustainable schools in Fayette County.

We are very fortunate that we had a building that was a teaching tool within itself.

Some Features Include:

- \* Solar Energy Panels
- \* Rainwater Capture and Reuse System
- \* Solar Hot water System
- \* Permeable Pavers
- \* Rain gardens
- \* Sola Tubes
- \* Solar Shelves/Automatic Electric Lighting Controls



# Wellington's Story Continued

- In 2011, we began an energy team through Fayette County's E=USE2 program and the use of NEED materials/presenters.
- The students conducted energy audits and patrols, created a energy project, created energy awareness posters, and educated the staff, family, and our community through our energy night.

# Energy Awareness Posters

Put Your Prints  
On Recycling  
With The  
Wellington Green  
Team!



Wellington  
Explorers



Let's GO Green  
Together

Wellington is  
Exploring Ways to  
Go Green!



GO GREEN



Being "GREEN" even makes The Incredible Hulk smile!

atmosphere  
GLOBAL  
ozone  
ecology  
resources  
living  
reuse  
LED  
friendly  
leaves  
NATURE  
hybrids  
organic  
tree  
Go Green  
Wellington  
LOCAL  
Environment  
Sustainability  
oxygen  
plants  
Biodegradable  
ENERGY

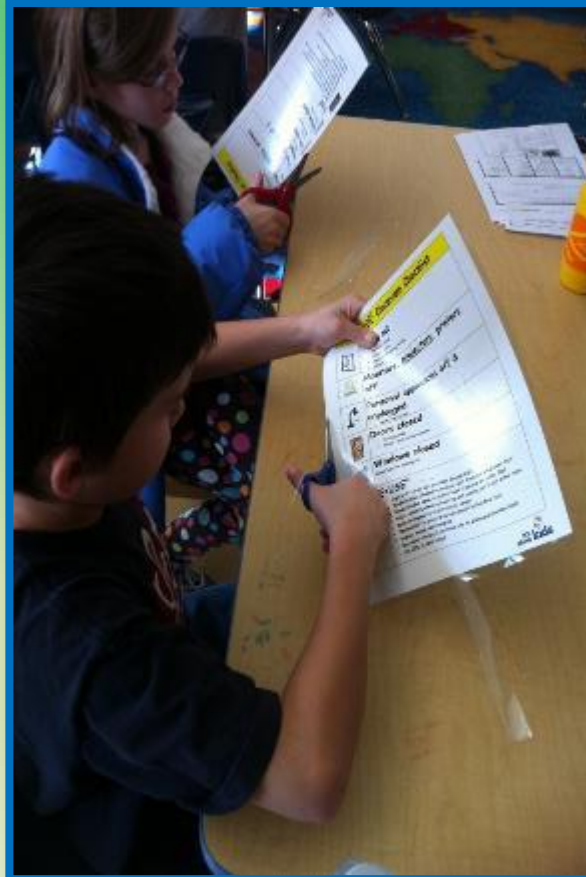


# Living Lab Team

## Teaching Students about our Sustainability Features



# Getting Our Energy Awareness Posters Ready to be Posted in the Classrooms.





# Conducting Our Energy Inventory



# Community Partners NEED, Louisville Science Center, Polar Bear International





# How do we use NEED?

- The whole third grade team attended the one day workshop provided for teachers by NEED. (We have several teachers in our building who have attended a workshop)
- We have both attended the national teachers conference in Savannah, GA.
- We use the curriculum that is provided by NEED to teach renewable and non renewable resources, the energy flow, energy monitoring and mentoring kit for our school energy audits and many other NEED activities.
- We use our NEED contact, Tyler Cvitkovic to conduct presentations to how students to help them learn about Energy Education.

# NEED: Energy Expo Activity



# NEED Energy Flow Activity





# How are our students engaged?

- We host an energy night that is led by our student energy team. This night is to teach our community and school family about the unique features of our school, energy efficiency and sustainability.
- Our students are also involved in giving tours of our schools to guest who are wanting to see our features and learn more about our energy education in which they take part in.

# Energy Awareness Videos

- The students have created two songs about energy awareness which are shown to the student body and district.



# Wellington's Energy Night

## Hosted by: The Living Lab Team





# Green Ribbon: Green Strides Tour



# Green Ribbon School



- Through the use of Fayette County's E=USE2 and NEED materials and curriculum along with our unique features of our school we were titled a Green Ribbon School in 2014.

- **WHY did we get this award?**

- **Student Energy Teams-** Energy efficiency/Sustainability
  - **Cafeteria-**Promoting Healthy Eating
  - **Physical Education-** Promoting healthy life style
  - **Sustainable/Energy Efficient Features** of school
  - **Energy Education** occurring in the classroom